

Amendments to the Specification

In the Specification at page 1, before line 1, please amend as shown.

Cross Reference to Related Applications This is a continuation of prior application serial no. 09/460,929 filed December 14, 1999, ~~now pending~~, now U.S. Patent No. 6,717,981.

In the Specification at page 5, lines 10-23, please amend as shown.

In accordance with this invention, the characterization signal 311 provides a characterization of the unwanted image signal component, component 230 in FIG. 2, that is contained within the transmitted composite signal 151. When placed in the calibrate mode, the transmitter 330 applies the control signals 341, 342 corresponding to this unwanted image signal component to reduce the magnitude of this unwanted signal component. Conventional closed-loop feedback techniques are embodied in a preferred embodiment of this invention to minimize the magnitude of this unwanted signal component in response to the characterization signal 311. By minimizing the magnitude of the unwanted image signal component in the composite signal 151, the degree of filtering required at the transmitter 130 or a distant receiver (not shown) to provide an undistorted representation of the originally input ~~information 201~~ information 101 can be substantially 20 reduced. In like manner, by minimizing the magnitude of the unwanted image signal component in the composite signal 151, the intermediate frequency used by the transmitter 330 and receiver 310 can be low. These and other advantages of a suppression of the unwanted image signal component in a transmitted composite signal will be evident to one of ordinary skill in the art.